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### System and method for executing binary images invention

[0002] **Execute in place** (XIP) images are fixed position images and are built ... [0004] **NAND flash** **memory** typically does not support executing code in place ...

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Store and Download model or an **eXecute in Place** model. ..... improve Intel NOR and **NAND flash** **memory** support for Linux. JOURNAL OF COMPUTERS, VOL. 3, NO. ...

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### Flash memory - Wikipedia, the free encyclopedia

**NAND flash memory** forms the core of the removable USB interface storage devices .... most microprocessors can use NOR **flash memory** as **execute in place** (XIP) ...

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The low-level interface to **flash memory** chips usually differs from those of other ... **NAND flash** memories cannot provide **execute in place** due to their ...

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It then loads the remainder of the boot code from the **NAND flash memory** into the system's RAM and continues the standard boot process. ...

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A **flash memory** chip having an apparatus for controlling **execute-in-place** (XIP) in ..... For example, a **NAND flash** that is a kind of serial **flash** having 528 ...

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### WaferNews - Samsung drives **flash** technology harder

20 that it has developed the industry's first 60nm 8Gbit **NAND flash memory** device. ... 14, in San Francisco) that Intel believes that the **execute-in-place** ...

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NAND flash and a **disk-on-chip**. Battery backed RAM provides high speed random ...  
 execute in place (**XIP**). Extending its use ...

ieeexplore.ieee.org/iel5/8515/27013/01199837.pdf?arnumber=1199837

Source for DiskOnChip, DIP, TSOP USB, IDE & SCSI Flash Drives  
 www.Tri-M.com

### Apacer Disk on Chip (DOC)

ADC II Series Industrial Grade DOC From 256MB to 4GB, Std/Wide Temp.  
 www.e-itx.com

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sung's OneNAND and M-Systems' mDOC (mobile **disk on chip**). ... The **XIP** model consists of NOR memory and volatile memory, likely DRAM (Fig- ...

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reduce the system susceptibility to noise. **Disk on chip** products have the added capabilities of boot. and **XIP**, but require proprietary software and ...

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Toshiba 1.8" HDD. Toshiba 0.8" HDD. M-systems **Disk-On-Chip** ... **XIP** (eXecute In Place). Concept. Direct execution of programs in flash memory ...

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Boot monitor v1.1 does include support for **disk-on-chip** Flash. It can be loaded in the **XIP** block and. can retarget the file I/O library to **disk-on-chip** ...

[www.arm.com/support/Versatile%20PB926EJ-S%20FAQ\\_v1\\_0.pdf](http://www.arm.com/support/Versatile%20PB926EJ-S%20FAQ_v1_0.pdf) - [Similar pages](#)

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bottleneck (**XIP** feature). – Spansion, Intel, STM., Atmel, SST, others. NAND for Data Store ...

OneNAND and **Disk-on-Chip** can take some NOR ...

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underlying concept of the mDOC (**Disk On Chip**) H3 embedded flash drive is to ... eXecute In Place (**XIP**) functionality, allowing the mDOC H3 to function as ...

[www.lightning.co.il/Technical...%20Writing...website/MikeGreenWhitePaperforElectronicEngineers.pdf](http://www.lightning.co.il/Technical...%20Writing...website/MikeGreenWhitePaperforElectronicEngineers.pdf)

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2.2.7 **Disk On Chip** (DOC). The DiskOnChip technology was developed by m-systems ..... where each cell is addressed through negated OR logic and supports **XIP** ...

[rtg.informatik.iu-chemnitz.de/docs/da-sa-txt/da-pada.pdf](http://rtg.informatik.iu-chemnitz.de/docs/da-sa-txt/da-pada.pdf) - [Similar pages](#)

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on a **chip** which boasts 486/100 MHz CPU performance, fully integrated PC/AT ..... build directory as a remote **disk**. Change directory so the current directory ...

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